IN THE CLAIMS:

This listing of claims will replace all prior versions, and listing of claims, in the Application.

Listing of claims:

1. (Currently amended) A method for data entry into the content of cells belonging to an output field, said data being expressed as a mathematical expression of the cell contents of at least one input field in a data multidimensional table used by a data management application, said table comprising cells arranged as a grid of records and fields, each cell corresponding to the intersection of one record with one field, each cell being identified by a cell address and comprising a cell content, said table having one specific record in which each cell content is entered as a unique character string label identifying each table field, said method comprising the steps of:

entering labels corresponding to the at least one input field and a label corresponding to the output field, said later label being expressed as the mathematical expression of said labels of said at least one input field;

parsing the label of the output field into a mathematical expression by identifying ~~the~~ numeric operands, ~~the~~ operators and the at least one existing input field label;

translating in the mathematical expression, the at least one existing input field label into the address of the cell containing the at least one input field label; and,

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for each cell of the output field, pasting in the cell content the translated mathematical expression and replacing in said pasted mathematical expression each cell address of the at least one input field label by the cell address of the at least input field belonging to the same record.

2. (Original) The method of claim 1 further comprising the step of replacing the output field cell contents by ~~the~~ a computed mathematical expression applied to the cell contents corresponding to the cell addresses of the at least input field belonging to the same record.

3. (Currently amended) The method of ~~anyone of~~ claim 1 ~~to 2~~ further comprising the ~~steps~~ step of:

repeating the preceding steps to compute the content of the cells of any additional output field in the table, wherein said content can be expressed as a mathematical expression of the cell contents of at least one input field.

4. (Currently amended) The method of ~~anyone of~~ claim 1 ~~or 3~~ wherein the step of parsing the label includes a transformation of the cell content type from a character string into a computable mathematical expression.

5. (Currently amended) The method of ~~anyone of~~ claim 1 ~~claims 1 to 4~~ wherein the mathematical expression comprises complex operators developed as functions in the data management application.

6. (Currently amended) The method of ~~anyone of~~ claim 1 ~~claims 1 to 5~~ further comprising an initial step of selecting the input and output fields forming the data multidimensional table in a larger data multidimensional table.

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7. (Currently amended) The method of ~~anyone of~~ claim 1 ~~claims 1 to 6~~ wherein after the step of entering labels, the following steps are executed only if a further step of starting computation of the cell contents of the output field is triggered.

8. (Currently amended) The method of ~~anyone of~~ claim 1 ~~claims 1 to 7~~ wherein the fields and records are respectively the columns and rows if the data multidimensional table is vertically arranged or are respectively the rows and columns if the data multidimensional table is horizontally arranged.

9. (Currently amended) The method of ~~anyone of~~ claim 1 ~~to 8~~ wherein the specific record in the data multidimensional table is respectively the top record in a vertically arranged table and the first left record in a horizontally arranged table.

10. Canceled.

11. Canceled.

12. (New) A computer program product on a computer readable medium for entering data into an electronic table, the table having at least one input column and at least one output column and at least a first and a second row, the first row for entering labels defining the at least one input column and the at least one output column and the second row for entering data into the table, the computer program product comprising:

code means for entering a first label into the at least one input column and a second label into the at least one output column, the second label being

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a mathematical expression that includes the first label and at least one operator; and

code means for automatically entering data into the second row at a location under the second label upon entry of data by a user into the second row at a location under the first label, the data automatically entered being a result of a mathematical operation as defined by the mathematical expression in the second label wherein the data entered by the user replaces the first label in the mathematical expression.

13. (New) The computer program product of claim 12 wherein when the table has two or more input columns, two or more labels are used to define the two or more input columns, the second label, as a mathematical expression, includes the two or more labels such that when the user enters data into the second row at a location under the two or more labels, the data automatically being entered into the second row at a location under the second label is a result of a mathematical operation as defined by the mathematical expression in the second label.

14. (New) The computer program product of claim 12 further comprising:

code means for parsing the second label to identify operands, and the at least one operator of the mathematical expression;

code means for translating the mathematical expression into code; and

code means for entering the code, into which the mathematical expression is translated, into the second row at a location under the second label before data is entered into the table.

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15. (New) The computer program of Claim 14 wherein data is automatically entered into the second row at the location under the second label when triggered to do so.

16. (New) A computer system used for entering data into an electronic table, the table having at least one input column and at least one output column and at least a first and a second row, the first row for entering labels defining the at least one input column and the at least one output column and the second row for inputting data into the table, the computer program product comprising:

at least one storage device to stored code data; and

at least one processor for processing the code data to allow entry of a first label into the at least one input column and a second label into the at least one output column, the second label being expressed as a mathematical expression that includes the first label and at least one operator, and to automatically enter data into the second row at a location under the second label upon entry of data by a user into the second row at a location under the first label, the data automatically entered being a result of a mathematical operation as defined by the mathematical expression in the second label wherein the data entered by the user replaces the first label in the mathematical expression.

17. (New) The computer system of claim 16 wherein when the table has two or more input columns, two or more labels are used to define the two or more input columns, the second label, as a mathematical expression, includes the two or more labels such that when the user enters data into the second row at a location under the two or more labels label, the data automatically being entered into the second row at a location under the

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second label is a result of a mathematical operation as defined by the mathematical expression in the second label.

18. (New) The computer system of claim 16 further wherein the code data is processed to parse the second label to identify operands, and the at least one operator of the mathematical expression, to translate the mathematical expression into code, and to enter the code, into which the mathematical expression is translated, into the second row at a location under the second before data is entered into the table.

19. (New) The computer system Claim 18 wherein data is automatically entered into the second row at the location under the second label when the computer system is triggered to do so.

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